

**WHAT IS CLAIMED IS:**

1. A composition having antibacterial, antimicrobial, and antifungal properties, for topical treatment of carpet or textile products, comprising an admixture of:
  - (a) an effective amount of an antimicrobial agent comprising a blend of substituted ammonium salts of alkylated phosphoric acids admixed with free alkylated phosphoric acid;
  - (b) an effective amount of a pesticide containing Permethrin; and
  - (c) a sufficient amount of an emulsifier to maintain a stable emulsion.
2. A composition according to Claim 1, wherein the composition contains an effective amount of a fragrance additive.
3. A composition according to Claim 1, wherein the emulsifier comprises an ammonium nonylphenol ether sulfate.
4. A composition according to Claim 1, wherein the composition is prepared in the form of a concentrate, which is to be diluted in water prior to topical application on carpet or textile products.
5. A composition according to Claim 4, wherein the concentrate comprises about 2-10 weight percent of the pesticide.
6. A composition according to Claim 5, wherein the concentrate comprises about 0.010-1.0 weight percent of the antimicrobial agent.

7. A composition according to Claim 6, wherein the concentrate comprises about 0.020-1.0 weight percent of the emulsifier.
8. A composition according to Claim 7, wherein the concentrate further comprises a fragrance additive, said fragrance additive being present in a range of about 0.017-1.0 weight percent, and the balance of the concentrate is water.
9. A composition according to Claim 8, wherein the concentrate is diluted in water to produce a solution to be topically applied.
10. A composition according to Claim 9, wherein the dilution of the concentrate is at a level of 10 parts water to 1 part concentrate.
11. A carpet product topically treated with the composition of Claim 1.
12. A textile product topically treated with the composition of Claim 1.
13. A textile product according to Claim 12, wherein the textile product is an upholstery textile.
14. A process for producing a composition having antibacterial, antimicrobial, and antifungal properties, for topical treatment of carpet or textile products, the process comprising, in order, the steps of:
  - (a) premixing with water an effective amount of a fragrance, and effective amount of an emulsifier, and an effective amount of an antimicrobial agent comprising a blend of

substituted ammonium salts of alkylated phosphoric acids  
admixed with free alkylated phosphoric acid;

- (b) adding the premix of step (a) to a larger quantity of water;  
and
- (c) agitating the thus-formed composition;
- (d) slowly adding an effective amount of a pesticide  
containing Permethrin; and
- (e) continuing the agitation for a predetermined period of  
time.

15. A process according to Claim 14, wherein the composition  
produced is a concentrate of a solution to be topically applied to  
carpet or textile products.